CLAIMS

1. Use of a compound of formula (I):

 R_1 -C(=O)-[NH-CH(R_2)-C(=O)]_m-OH (I)

in which R₁ represents a linear or branched, saturated unsaturated, aliphatic hydrocarbon comprising carbon 7 atoms, R_2 represents 10 characterizing chain of an amino acid and m is between 1 and 50, or of a mixture of the said compounds of formula (I), as a slimming active agent, composition containing a cosmetically acceptable medium.

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- 2. Use as defined in Claim 1, for which in formula (I), R_2 represents the characterizing chain of an amino acid chosen from glycine, alanine, serine, aspartic acid, glutamic acid, valine, threonine, arginine,
- 20 lysine, proline, leucine, phenylalanine, isoleucine, histidine, tyrosine, tryptophan, asparagine, glutamine, cysteine, cystine, methionine, hydroxyproline, hydroxylysine, sarcosine or ornithine.
- 25 3. Use as defined in Claim 2, for which in formula (I), R_2 represents the characterizing chain of glycine.
 - 4. Use as defined in one of Claims 1 to 3, in which m is a decimal number between 1 and 10 and is preferably less than 5.
 - 5. Use as defined in Claim 4, in which m is a decimal number of less than or equal to 2 and is more particularly less than or equal to 1.4.

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6. Use as defined in one of Claims 1 to 5, in which m is equal to 1.

- 7. Nontherapeutic method of treating the human body intended for slimming it, characterized in that a composition containing a cosmetically acceptable medium and an effective quantity of at least one compound of formula (I) as defined in one of Claims 1 to 6, is applied to it.
- 8. Use of at least one compound of formula (I), as 10 defined in one of Claims 1 to 6, for preparing a medicament with lipolytic activity, intended for inducing slimming of the human body.